

## PIEZO TRANSDUCERS „PCA”

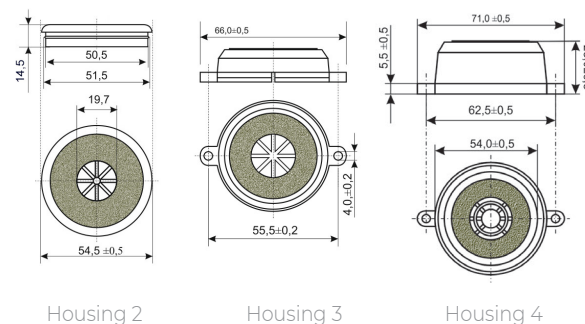
Piezo transducers produced by our company have the best acoustic and mechanical parameters.

Due to a wide range of applications, they have gained recognition of many recipients, whom we can divide into two main groups:

- ▶ security branch
- ▶ automotive branch

### TECHNICAL SKETCH

Housing



Housing 2

Housing 3

Housing 4

### TECHNICAL SPECIFICATIONS

Comparison of models

	PCA-2B	PCA-3B	PCA-3U	PCA-4B	PCA-4U
Type of transducer	bimorph	bimorph	unimorph	bimorph	unimorph
Sound level [dB]	110	110	100	110	100
Resonant frequency ±0,5 [kHz]	3,5	3,5	3,5	3,5	3,5
Capacitance ±30% [nF]	90	90	45	90	45
Cable length [mm]	80	80	80	80	80
Housing number	2	3	3	4	4
Housing color	■ white	■ white	■ black	■ white	■ black
Housing material	ABS	ABS	ABS	ABS	ABS
Weight [g]	20	20	20	20	20
Diameter ±0,5 [mm]	54,5	66	66	71	71



**High sound level** and small dimensions makes PCA stand out on the market.



**High quality** allows for unlimited use everywhere, where sound signaling is necessary.



## PIEZO TRANSDUCER PCA-2B

### TECHNICAL SPECIFICATIONS

Model PCA-2B

Type of transducer	bimorph
Sound level [dB]	110
Resonant frequency $\pm 0,5$ [kHz]	3,5
Capacitance $\pm 30\%$ [nF]	90
Cable length [mm]	80
Housing number	2
Housing color	white
Housing material	ABS
Weight [g]	20
Diameter $\pm 0,5$ [mm]	54,5

### PRODUCT PHOTO

Model PCA-2B



## PIEZO TRANSDUCER PCA-3B

### TECHNICAL SPECIFICATIONS

Model PCA-3B

Type of transducer	bimorph
Sound level [dB]	110
Resonant frequency $\pm 0,5$ [kHz]	3,5
Capacitance $\pm 30\%$ [nF]	90
Cable length [mm]	80
Housing number	3
Housing color	white
Housing material	ABS
Weight [g]	20
Diameter $\pm 0,5$ [mm]	66

### PRODUCT PHOTO

Model PCA-3B



## PIEZO TRANSDUCER PCA-3U

### TECHNICAL SPECIFICATIONS

Model PCA-3U

Type of transducer	unimorph
Sound level [dB]	100
Resonant frequency $\pm 0,5$ [kHz]	3,5
Capacitance $\pm 30\%$ [nF]	45
Cable length [mm]	80
Housing number	3
Housing color	■ black
Housing material	ABS
Weight [g]	20
Diameter $\pm 0,5$ [mm]	66

### PRODUCT PHOTO

Model PCA-3U



## PIEZO TRANSDUCER PCA-4B

### TECHNICAL SPECIFICATIONS

Model PCA-4B

Type of transducer	bimorph
Sound level [dB]	110
Resonant frequency $\pm 0,5$ [kHz]	3,5
Capacitance $\pm 30\%$ [nF]	90
Cable length [mm]	80
Housing number	4
Housing color	■ white
Housing material	ABS
Weight [g]	20
Diameter $\pm 0,5$ [mm]	71

### PRODUCT PHOTO

Model PCA-4B



## PIEZO TRANSDUCER PCA-4U

### TECHNICAL SPECIFICATIONS

Model PCA-4U

Type of transducer	unimorph
Sound level [dB]	100
Resonant frequency $\pm 0,5$ [kHz]	3,5
Capacitance $\pm 30\%$ [nF]	45
Cable length [mm]	80
Housing number	4
Housing color	■ black
Housing material	ABS
Weight [g]	20
Diameter $\pm 0,5$ [mm]	71

### PRODUCT PHOTO

Model PCA-4U



### ADDITIONAL INFORMATION

Piezo transducers "PCA"

► In the **field of security**, piezo transducers are used in the production of various security devices for property protection and danger signaling. These devices can work alone or be a part of a larger alarm system. Our piezo transducers are also ideal for non-standard applications such as armored suitcases or lock.

► In the **automotive branch**, piezo transducers are used for signaling specific states and events. They can also inform about activation of a specific system or subsystem.

Piezo transducers are also used in many other branches of industry.

### CONTACT US

MPM | ul. Bajana 14  
27-200 Starachowice, Poland  
**biuro@mpm.net.pl**  
[www.mpm.net.pl](http://www.mpm.net.pl)

